



Dkt. 71541-A-PCT-US/JPW/DC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Orna Mor, et al.  
U.S. Serial No. : 10/579,662  
Filed : May 17, 2006  
For : DIAGNOSIS AND TREATMENT OF KIDNEY  
FIBROSIS AND OTHER FIBROTIC DISEASES

1185 Avenue of the Americas  
New York, New York 10036  
June 20, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the documents listed on Form PTO-1449, attached hereto as **Exhibit A**, be considered and made of record in the above-identified application. These documents are the following:

1. International Search Report issued by the International Searching Authority (ISA) on November 2, 2005 in connection with PCT International Application No. PCT/IL2004/001049 (**Exhibit 1**);
2. International Preliminary Report on Patentability issued by the International Bureau of WIPO on May 22, 2006 in connection with PCT International Application No. PCT/IL2004/001049 (**Exhibit 2**);
3. FANG et al. (2003), "PLD1 Regulates mTOR Signaling and Mediates cdc42 Activation of S6K1," *Current Biology*, Vol. 13, pages 2037-2044 (**Exhibit 3**);
4. DAY et al. (1993), "Plasma membrane form of phosphotidate phosphohydrolase: a possible role in signal transduction

during liver fibrogenesis," *Clinical Science* (London), Vol. 3, pages 281-287 (**Exhibit 4**);

5. MIN et al. (2001), "Altered Expression of Phospholipase D1 in Spontaneously Hypertensive Rats," *Molecules and Cells*, Vol. 11, No. 3, pages 386-391 (**Exhibit 5**);
6. ZHAO et al. (2000), "Increased Activity and Intranuclear Expression of Phospholipase D2 in Human Renal Cancer," *Biochemical Biophysical Research Communications*, Vol. 278, pages 140-143 (**Exhibit 6**);
7. COBURN et al. (2003), "siRNAs: a new wave of RNA-based therapeutics," *Journal of Antimicrobial Chemotherapy*, Vol. 51, pages 753-756 (**Exhibit 7**);
8. PCT International Application Publication No. WO 2003/035083 A1 (BAUER et al.), published May 1, 2003 (**Exhibit 8**);
9. U.S. Patent No. 6,187,559 B1, issued February 13, 2001 to STEED et al.

Copies of documents numbers 1-8 are attached hereto as **Exhibits 1-8**, respectively.

In accordance with 37 C.F.R. §1.92(a)(2)(ii), copies of U.S. Patents and U.S. Patent Application Publications need not be provided. Accordingly, a copy of document number 9 is not submitted herewith.

Applicants: Orna Mor, et al.  
U.S. Serial No.: 10/579,662  
Filed: May 17, 2006  
Page 3

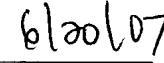
No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



John P. White  
Registration No. 28,678  
Attorney for Applicants  
Cooper & Dunham, LLP  
1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

John P. White	Date
Reg. No. 28,678	



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SEARCHED  
SERIALIZED  
INDEXED  
TRADEMAKES  
for form 1449/PTO**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number 71541-A-PCT-US/JPW/DC

**Complete if Known**

Application Number	10/579,662
Filing Date	May 17, 2006
First Named Inventor	Orna Mor
Art Unit	
Examiner Name	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report issued by the International Searching Authority (ISA) on November 2, 2005 in connection with PCT International Application No. PCT/IL2004/001049	
		International Preliminary Report on Patentability issued by the International Bureau of WIPO on May 22, 2006 in connection with PCT International Application No. PCT/IL2004/001049	
		FANG et al. (2003), "PLD1 Regulates mTOR Signaling and Mediates cdc42 Activation of S6K1," Current Biology, Vol. 13, pp. 2037-2044	
		DAY et al. (1993), "Plasma membrane form of phosphotidate phosphohydrolase: a possible role in signal transduction during liver fibrogenesis," Clinical Science (London), Vol. 3, pages 281-287	
		MIN et al. (2001), "Altered Expression of Phospholipase D1 in Spontaneously Hypertensive Rats," Molecules and Cells, Vol. 11, No. 3, pp. 386-391	
		ZHAO et al. (2000), "Increased Activity and Intracellular Expression of Phospholipase D2 in Human Renal Cancer," Biochemical Biophysical Research Communications, Vol. 278, pages 140-143	
		COBURN et al. (2003), "siRNAs: a new wave of RNA-based therapeutics," Journal of Antimicrobial Chemotherapy, Vol. 51, pp. 753-756	
		PCT International Application Publication No. WO 2003/035083 A1 (BAUER et al.), published May 1, 2003	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Applicants: Orna Mor, et al.  
U.S. Serial No.: 10/579,662  
Filed: May 17, 2006

Exhibit A

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

**Substitute for form 1449/PTO**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet

2

of

2

**Complete if Known**

Application Number	10/579,662
Filing Date	May 17, 2006
First Named Inventor	Orna Mor
Art Unit	
Examiner Name	
Attorney Docket Number	71541-A-PCT-US/IPW/DC

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

<b>Examiner Signature</b>		<b>Date Considered</b>	
-------------------------------	--	----------------------------	--

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.